Section C:2
River Corridor

PROJECT MANAGERS
P.M. Knollmeyer, RL
(509) 376-7435

N.C. Boyter, FH
(509) 373-3725

DOE/RL-2000-76, Rev. 3

SUMMARY

The River Corridor Project (RCP) consists of the following projects: 300 Area Liquid Effluent Facility (LEF) WBS 1.2.3.2, Project Baseline Summary (PBS) WM05; B-Plant, WBS 1.4.1, PBS TP01; 300 Area/Special Nuclear Materials, WBS 1.4.4, PBS TP04; Transition Project Management, WBS 1.4.6, PBS TP12; Accelerated Deactivation, WBS 1.4.8, PBS TP10; 324/327 Facility Transition, WBS 1.4.10, PBS TP08; and Hanford Surplus Facility Program (300 Area Revitalization), WBS 1.4.11, PBS TP14.

PBS WM05 is divided between WBS 1.2.3.1, Liquid Effluents (200 LEF) and WBS 1.2.3.2, 310 TEDF/340 Facility (300 LEF). The 310 TEDF/340 Facility work scope is now included in the River Corridor Project, whereas the Liquid Effluents (200 LEF) work scope has remained in Waste Management Project. For the purpose of performance analysis, PBS WM05 is reported in its entirety in the Waste Management Project, which has the majority of the work scope and funding incorporated in their baseline.

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, and Cost/Schedule data contained herein is as of January 31, 2001. All other information is as of February 26, 2001.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that one milestone planned for this period is overdue.

NOTABLE ACCOMPLISHMENTS

The 324 Building Deactivation Project — The ninth Steel Waste Disposal Box (SWDB) was shipped and the tenth SWDB is 75 percent filled. Clamshelling is complete, and the dispersible retrieval system vacuuming has been initiated, which is the final phase of B Cell mixed waste clean-out. In addition, the updated 324 Authorization Basis (AB) was implemented one day early, on January 26, 2001. The AB allows for deactivation of the Criticality Alarm System at the 324 Building, which results in a cost savings to the project.

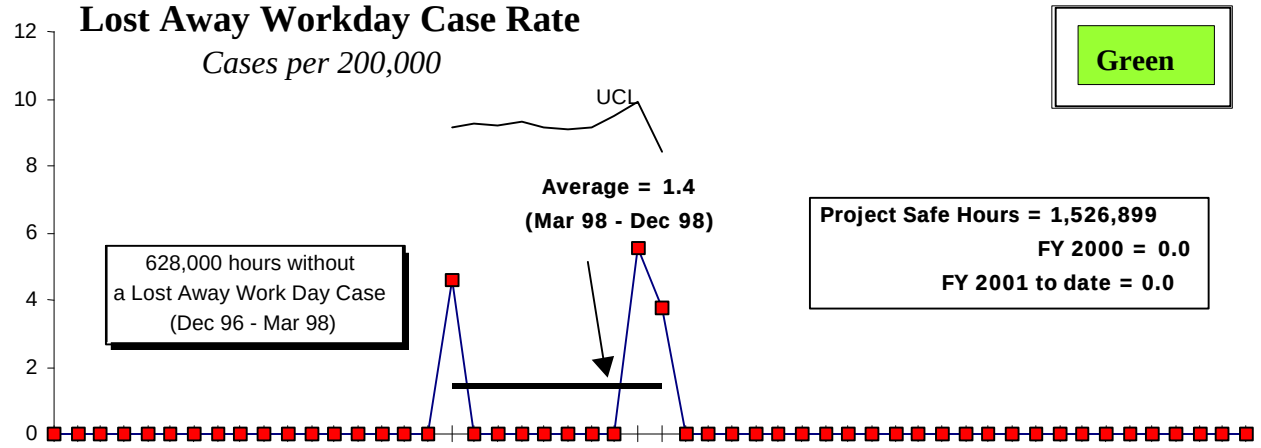
327 Building Deactivation Project — While in min-safe mode, the 327 Building Deactivation Project staff completed the replacement of the three High Efficiency Particulate Air (HEPA) filters that had failed an aerosol test. Additionally, the 327 Authorization Agreement Update was submitted for approvals; the work package was completed for the Burst Test Pit inspection; and suspect Polychlorinated biphenyl (PCB) items were packaged.

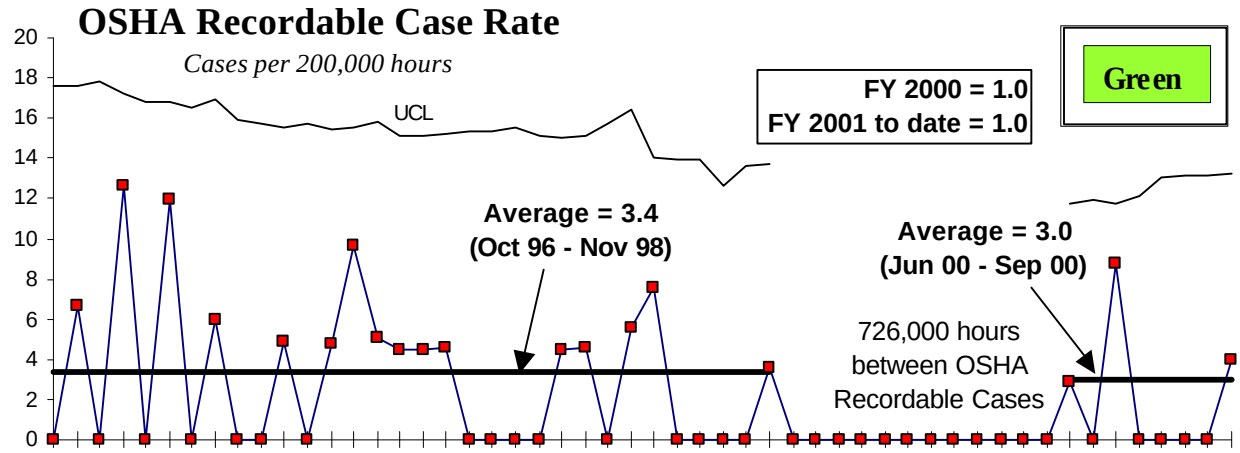
The 300 Area Treated Effluent Disposal Facility (TEDF) — During the month of January 2001, 6.2 million gallons of wastewater were treated. In addition, treatment of the wastewater from the Pacific Northwest National Laboratory (PNNL) Environmental Molecular Science Laboratory chilled water system was successfully completed. The annual Criticality Assessment at the 340 Facility was completed also.

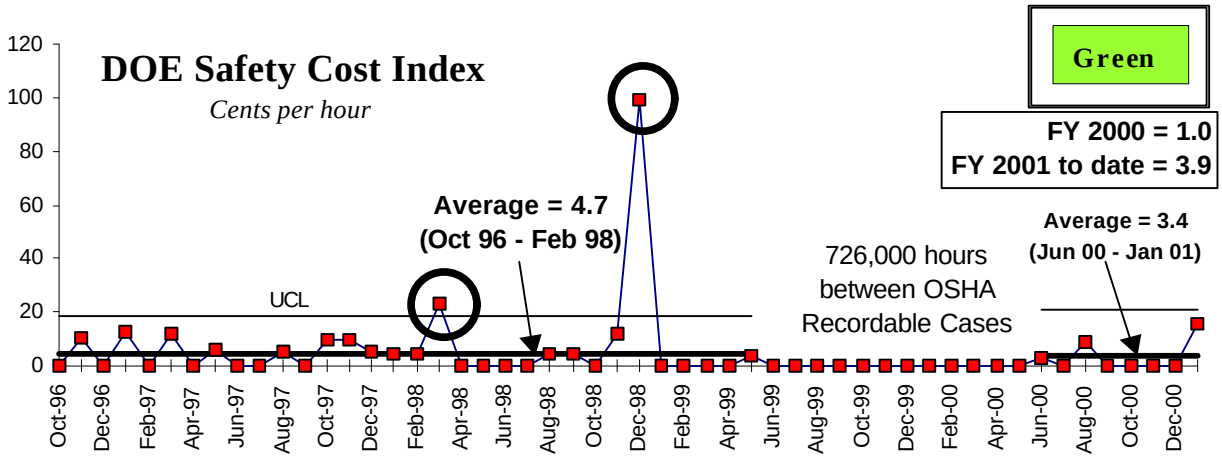
Accelerated Deactivation Project — The Project successfully completed the first shipment of uranium billet boxes to the DOE Portsmouth Site in Ohio on February 15, 2001. The draft Safety Analysis Report for Packaging (SARP) for the shipping container to be used to move contaminated uranium fuel to Low Level Burial Ground for disposal ("red shipping box") was delivered to RL on February 15, 2001. Also: the request for bids was issued for accelerated sky-line reduction activities, the schedule was finalized and the project officially was "kicked off." FH review and approval is complete for the Criticality Safety Evaluation Report and Unresolved Safety Question Phase 1 documents for the entry of 224-T. However, the Washington State Department of Health (WDOH) rejection of the portable exhauster Notice of Construction (NOC), and the resulting need to prepare a new NOC, could impact the schedule.

SAFETY

The River Corridor Project (RCP) has achieved more than 1.5 million safe work hours since their last lost away workday case. A new baseline for the OSHA recordable case rate was established, as there was a new OSHA recordable case involving Restricted Workdays in January 2001. The OSHA Recordable Case Rate for June 2000 to January 2001 is 2.1, which is above the company goal. The overall rating for RCP is green.





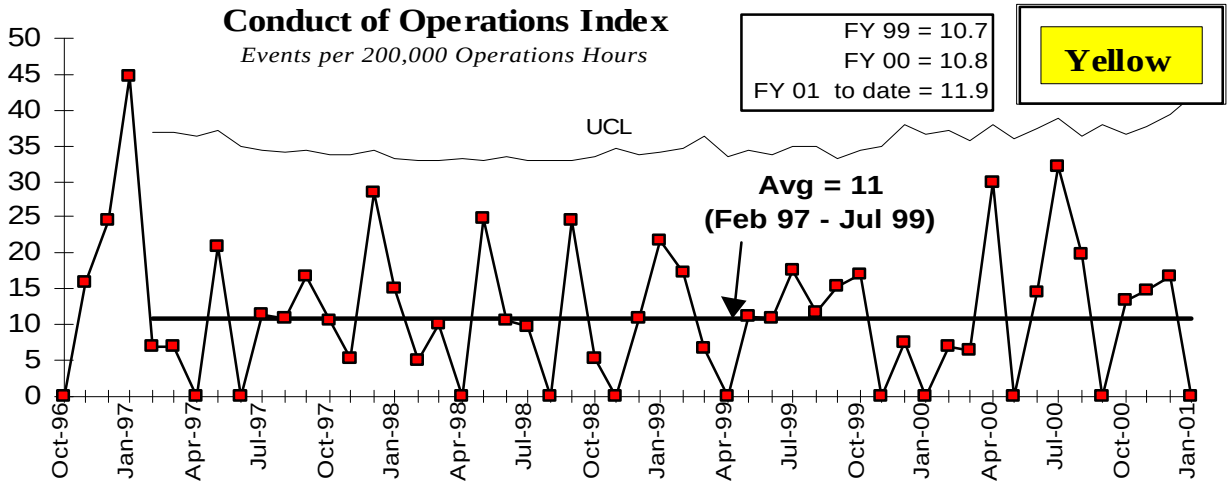


ISMS STATUS

Green

- The Facility Evaluation Board assessment has been completed. The report on grading is finalized and the RCP has been graded as satisfactory per the new grading system.
- The RCP ISMS Sustain and Maintain process is in place. There are no new ISMS events to report.
- The RCP Voluntary Protection Program strategic plan is complete and has been distributed to all RCP employees. The actions necessary for drafting and submitting RCP's application for review are in process.

CONDUCT OF OPERATIONS



The River Corridor Project is continuing to evaluate the appropriate action(s) to address the number of management problems reported.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

Green

- **300 Area Accelerated Closure Plan (ACP) -** The ACP provided the basis for the new "Done-in-a-Decade" closure project saving over $1.0 billion. A Baseline Change Request (BCR) has been issued to prepare the Area 1 Engineering Evaluation & Cost Analysis (EE/CA) and to begin skyline reduction activities during FY 2001, with funding provided by RL.

Green

- **Technical Review of 327 Hot Cell Removal** - Technology Management, supported by RCP, completed a review of the feasibility of intact removal of the hot cells from the 327 Facility. The Review Report is expected to be completed in February. The review team found the concept of intact removal to be feasible and potentially had significant ALARA, cost and schedule benefits. However, detailed characterization of the hot cells must be completed before committing to this approach.

Green

- **Remote Size Reduction System -** FH was notified that the Remote Operations Size Reduction System (ROSRS), a remote glove box size reduction system designed and

fabricated for use at Rocky Flats, will not be utilized. FH, in conjunction with RL, Rocky Flats, and EM-50, is leading an effort to evaluate the potential redeployment of the ROSRS at Hanford. The recommendation is targeted to be complete by August 2001.

- **Value Engineering for Configuration Management -** River Corridor Project is planning a Configuration Management (CM) Value Engineering (VE) Study March 5 - 9, 2001. Participants in the CM VE Study includes personnel from the RCP, FH Project 2002. Operations Center, other FH Projects, RL, and Bechtel Hanford, Inc. The purpose of the VE Study is to seek out cost-effective CM methods that can be applied to facilities that are either transitioning to or currently in a deactivation mode. The limited remaining life represents a value opportunity in the management of CM documentation and costs.

Green

- **Permit By Rule Treatment at 300 Area Treated Effluent Disposal Facility (TEDF) –** FH is investigating the potential to treat limited categories of liquid nonradioactive hazardous wastes using the existing capabilities of the 300 Area TEDF, applying a permit exclusion available within the waste regulations. Depending upon the outcome of ongoing regulatory analysis, treatment of hazardous wastes at TEDF could provide a low-cost option for disposal of some wastes currently sent off-site. A decision on whether to proceed based on the outcome of the regulatory analysis and customer surveys is scheduled for September 2001.

Green

Opportunities for Improvement

- **Billet Safety Analysis Report for Packaging (SARP) -** The Unirradiated Uranium Billet Safety Analysis Report for Packaging (SARP) is required to support shipment of uranium billets off-site. The current uranium billet SARP, Revision K, and the associated Certificate of Compliance (COC), allows shipment of only three billet boxes per trailer instead of five boxes per trailer as were analyzed for the revision. Shipping five boxes instead of three will save approximately $200K of the billet transportation cost. DOE-HQ is aware of the impact and a revised SARP has been prepared to allow for the five billet boxes per trailer. The SARP has been issued, and the COC for the five billet boxes was received January 30, 2001. *(No further status to be provided.)*

Green

- **Value Engineering Crane Maintenance -** A value engineering study to determine alternatives and solutions to reduce 324 Building crane downtime and personnel dose was completed on January 12, 2001. A multi-disciplined team comprised of both internal and external experts was utilized. Operations, design and maintenance of the cranes were thoroughly evaluated. A broad range of recommendations was provided to RCP management in the following categories: work management, maintenance, training, operations, engineering and spares management. 324 Building management is still evaluating the recommendations and making preparations to implement many of them. In addition to the recommendations, gains are expected in organizational dynamics due to working relationships developed between bargaining unit and engineering/management during the study. *(No further status to be provided.)*

Green

- **New EM50 Funds ($450K) for Robust Manipulator Arm** - Via support from EM50, RCP's 324 Building will acquire an AEA ARTISAN manipulator arm to support hot cell deactivation. The ARTISAN arm will augment the existing fleet of master slave manipulators by offering longer reach, higher payload capacity (200 pounds -vs- 30 pounds), greater dependability, and ability to access difficult areas. ALARA/extremity-dose savings are expected due to reduced maintenance and repair. Life cycle cost savings are estimated at $2.2M.

UPCOMING ACTIVITIES

Tri-Party Agreement Milestone M-89-02 - The date for completing the mixed waste removal and shipment scope of the milestone, "Complete removal of 324 Building Radiochemical Engineering Cell (REC) B Cell Mixed Waste (MW) and Equipment," is set for March 30, 2001. Removal of the mixed and low-level waste is targeted by July 31, 2001.

Robotics System - The robotic system procured from Cybernetix to support 324 Building in-cell cleanout is scheduled for delivery in March 2001.

224-T - Begin 224-T initial entry and characterization by mid-April 2001. This six-week slip from the original March 2001 date is a result of the Criticality Safety Evaluation Report and the Notice of Construction requiring more time than expected.

327 Authorization Basis - Implement technical update of 327 Authorization Basis (Basis of Interim Operation) by end of FY 2001. This has been slipped from May 2001 due to resource limitations of the facility after transitioning to a minsafe mode.

Uranium Disposition - Complete shipment of ~235 metric tons of excess uranium billets and ~five metric tons of uranium dioxide to the DOE Portsmouth Site in Ohio, targeted for March 30, 2001, and disposition of ~140 metric tons of surface-contaminated uranium fuel by June 30, 2001. Additionally, disposition thorium materials located in the 303-K Facility by September 30, 2001.

300 Area Skyline Initiative - Demolish 3902A, 3902B, and 303-K by September 30, 2001.

MILESTONE ACHIEVEMENT

Green

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 2001
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	0	0	0	1	0	0	0	1
DNFSB	0	0	0	0	0	0	0	0
DOE-HQ	0	0	0	0	0	0	0	0
RL	0	0	0	0	0	3	0	3
Total Project	0	0	0	1	0	3	0	4

Only TPA/EA milestones and all FY 2001 overdue and forecast late milestones are addressed in this report. Milestones overdue are deleted from the Milestone Exception Report once they are completed. The following chart summarizes the FY 2001 TPA/EA milestone achievement and a Milestone Exception Report follows. The last milestone table summarizes the first six months of FY 2002 TPA/EA milestones.

FY 2001 Tri-Party Agreement / EA Milestones

Number	Milestone Title	Status
M-89-02	**"Complete Removal of 324 Building Radiochemical Engineering Cells (REC) B Cell Mixed Waste (MW) and Equipment,"**	**Due 11/30/00** — Progress continues to be made in accomplishing the milestone work scope, however due to technical and operational issues the milestone was not met. A revised schedule was developed with the support of RL and Ecology. The scheduled date for the removal and shipment of mixed waste from B Cell is now March 30, 2001. The date for shipment of low-level waste remains at July 31, 2001, as agreed to with the regulators. Green
DNFSB Commitments		
	Nothing to report at this time.	

MILESTONE EXCEPTION REPORT

Number/WBS	Level	Milestone Title	Baseline Date	Forecast Date

Overdue – 1

TRP-99-901 1.4.10	**EA**	Complete Removal of 324 Radio-chemical Engineering Cells (REC) B Cell Mixed Waste (MW) & Equip.	11/30/00	07/30/01

Cause: Technical and operational issues delayed completion of this work scope.
Impact: Completion date of TPA milestone M-89-02 was not met.
Corrective Action: A revised schedule was developed with the support of RL and Ecology.

FY 2000 Overdue – 1

TRP-99-933 1.4.10	**RL**	Containerize Dispersible Under 2A Rack	04/30/00	03/30/01

Cause: It has been determined it is more efficient to complete dispersible collection after the waste containers in the cell are removed.
Impact: No impact. This milestone will be completed by March 30, 2001.
Corrective Action: No corrective action is required.

FY 2002 Tri-Party Agreement / EA Milestones

Number	Milestone Title	Status
MX-92-06-T01	**"Complete Disposition for all Site Unirradiated Uranium"**	**Due 12/31/01** — On schedule.
DNFSB Commitments		
	Nothing to report at this time.	

PERFORMANCE OBJECTIVES

Outcomes	Performance Indicator	Status
Restore the River Corridor for Multiple Uses	**FHI-M8 – 300 Area Cleanup**	
	Measure 1: Accelerate 300 Area Cleanup	
	Expectation 1: Deactivate 324/327 Buildings	
	Base: Complete 26.5% remaining 324/327-baseline work.	3.8% of the remaining low-level scope has been completed through December 2000.
	Base: Complete B Cell cleanout and shipment of B Cell waste to 200 Area Burial Grounds.	9 of the planned 10 steel waste disposal box (SWDB) shipments of B Cell waste have been made.
	Stretch: Complete additional 2.5% remaining 324/327-baseline work.	No additional work scope has been performed to date.
	Expectation 2: Disposition surplus facilities	
	Base: Disposition 3902A, 3802B & 303-K by September 30, 2001.	Planning has been initiated for demolition of the 3 structures.
	Stretch: Disposition 377 Bldg. by June 30, 2002.	No work scope has been performed to date.
	Expectation 3: Disposition uranium billets, uranium dioxide, scrap materials in 200/300 Areas, and 303-K thorium-232 by September 30, 2001.	Completed first shipment of the uranium billets to the DOE Portsmouth site in Ohio on February 15, 2001.
	Measure 2: Support RCP Contract Transition	
	Expectation 1:	
	Stretch: Support RCP contract transition by July 1, 2002.	A plan for a transition plan was submitted to the VP, River Corridor Project on February 15, 2001.
Transition Central Plateau to support long-term waste management	**FHI-M3 – 200 Area Facility Disposition**	
	Measure 1: Disposition Surplus Buildings and Rolling Stock	
	Expectation 1:	
	Base: Decontaminate & Decommission (D&D) 233-S & 233-SA Facilities by September 30, 2004.	Work will not be initiated until July 1, 2002.
	Stretch: D&D 233-S & 233-SA by June 30, 2004.	Work will not be initiated until July 1, 2002.
	Expectation 2: Complete installation of new roofs on PUREX & B Plant by September 30, 2002.	Work will not be initiated until February 1, 2002.
	Expectation 3:	
	Base: Disposition contaminated railcars by June 30, 2006.	Efforts continue to disposition one rail car in FY 2001. Detail planning for the total PI work scope has been initiated. A draft project management plan was issued in February 2001.
	Stretch: Disposition contaminated railcars by August 31, 2005.	Nothing to report.
	Super stretch: Disposition contaminated railcars and heavy equipment by September 30, 2003.	Nothing to report.

FY 2001 Schedule / Cost Performance – All Fund Types
Cumulative to Date Status – ($000)

Yellow

		FYTD								
	By PBS	BCWS	BCWP	ACWP	SV	%	CV	%	PEM	EAC
PBS TP01 WBS 1.4.1	B-Plant	$ 0	0	$ 0	$ 0	0%	$ (0)	0%	$ 0	$ 0
PBS TP04 WBS 1.4.4	300 Area/ Special Nuclear Materials	$ 1,103	$ 970	$ 934	$ (133)	-12%	$ 36	4%	$ 4,151	$ 4,131
PBS TP12 WBS 1.4.6	Transition Program Management	$ 2,160	$ 2,162	$ 1,901	$ 2	0%	$ 261	12%	$ 6,790	$ 6,527
PBS TP10 WBS 1.4.8	Accelerated Deactivation	$ 1,077	$ 1,052	$ 1,311	$ (25)	-2%	$ (259)	-25%	$ 3,074	$ 3,329
PBS TP08 WBS 1.4.10	324/327 Facility Transition	$ 10,757	$ 9,191	$ 9,376	$ (1,567)	-15%	$ (186)	-2%	$ 34,912	$ 35,521
PBS TP14 WBS 1.4.11	Hanford Surplus Facility Program (300Area Revitalization)	$ 142	$ 137	$ 101	$ (5)	-3%	$ 36	27%	$ 1,316	$ 1,299
	Total	$ 15,240	$ 13,512	$ 13,624	$ (1,728)	-11%	$ (112)	-1%	$ 50,243	$ 50,807

Notes: RL-Directed costs (steam and laundry) are included in the PEM BCWS. 310 TEDF/340 Facility performance data is reported under PBS WM05 (Waste Management).

Authorized baseline as per the Integrated Planning Accountability, and Budget System (IPABS) – Project Execution Module (PEM).

FY to Date Schedule / Cost Performance

The unfavorable schedule variance was due to SWDB shipment delays and crane repairs. The unfavorable cost variance is within established threshold.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (-$1.7M)

300 Area/Special Nuclear Materials — 1.4.4/TP04

Description and Cause: The unfavorable schedule variance is due to delays finalizing procedures and other readiness activities associated with the shipment of uranium billets.

Impact: None.

Corrective Action: None at this time.

324/327 Facility Transition — 1.4.10/TP08

Description and Cause: The unfavorable schedule variance was primarily due to the Steel Waste Disposal Boxes (SWDB) “hot spots” issue (delaying their shipment), and the effect of plant work being put on hold while plant personnel were retrained and procedures strengthened.

Impact: Tri-Party Agreement milestone M-89-02 was missed.

Corrective Action: Initial briefings with the Washington State Department of Ecology (Ecology) and RL have been completed. Revised schedule has been developed that moves completion of Tri-Party Agreement milestone scope to March 2001. The work is on schedule to the revised target date.

All other variances within threshold.

Cost Variance Analysis: (-$0.1M)

Accelerated Deactivation — 1.4.8/TP10
Description and Cause: The unfavorable cost variance was primarily a result of labor overruns in the 2714U Waste Drum Characterization activity due to more complex than planned drum opening, sampling, and repackaging.

Impact: Costs are projected to reach ~$833K which will create a potential overrun of $644K.
Corrective Action: A baseline change request is in process to increase work scope and add funds.

Transition Project Management — 1.4.6/TP12
Description and Cause: The favorable cost variance was primarily due to time phasing of planned contract and fee assessment accruals.

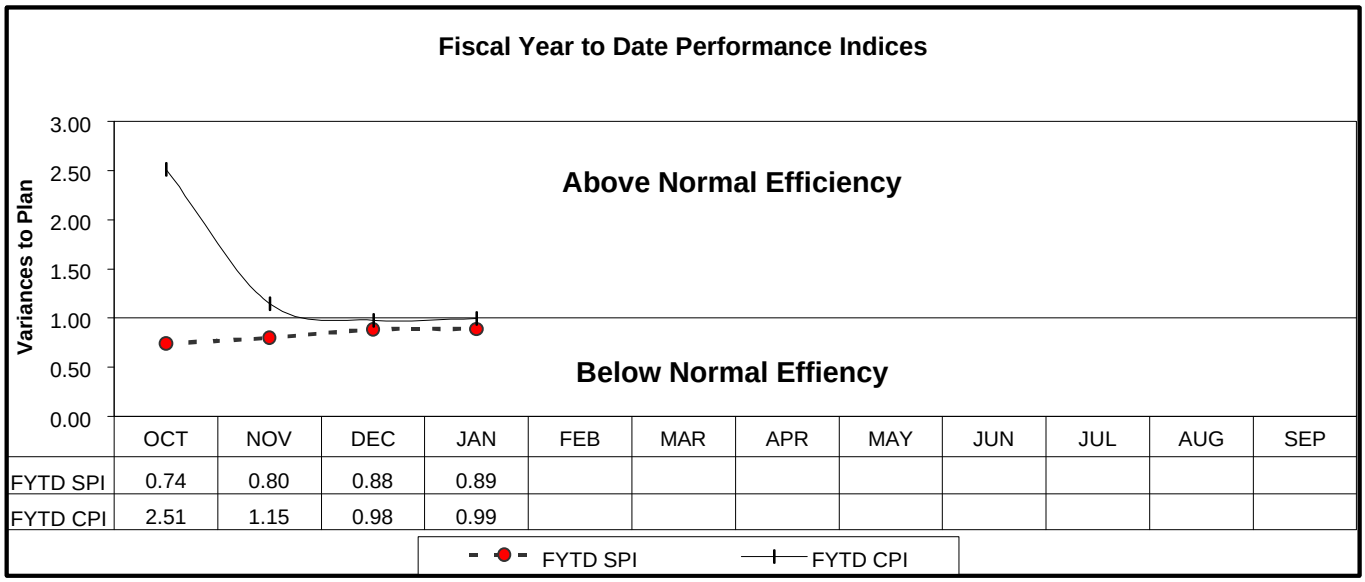
Impact: No Impact.
Corrective Action: Contract costs and fee assessment accruals are expected to increase later in the year.

Hanford Surplus Facility Program — 1.4.11/TP14
Description and Cause: The favorable cost variance was due to costs for contract support not being incurred as planned.

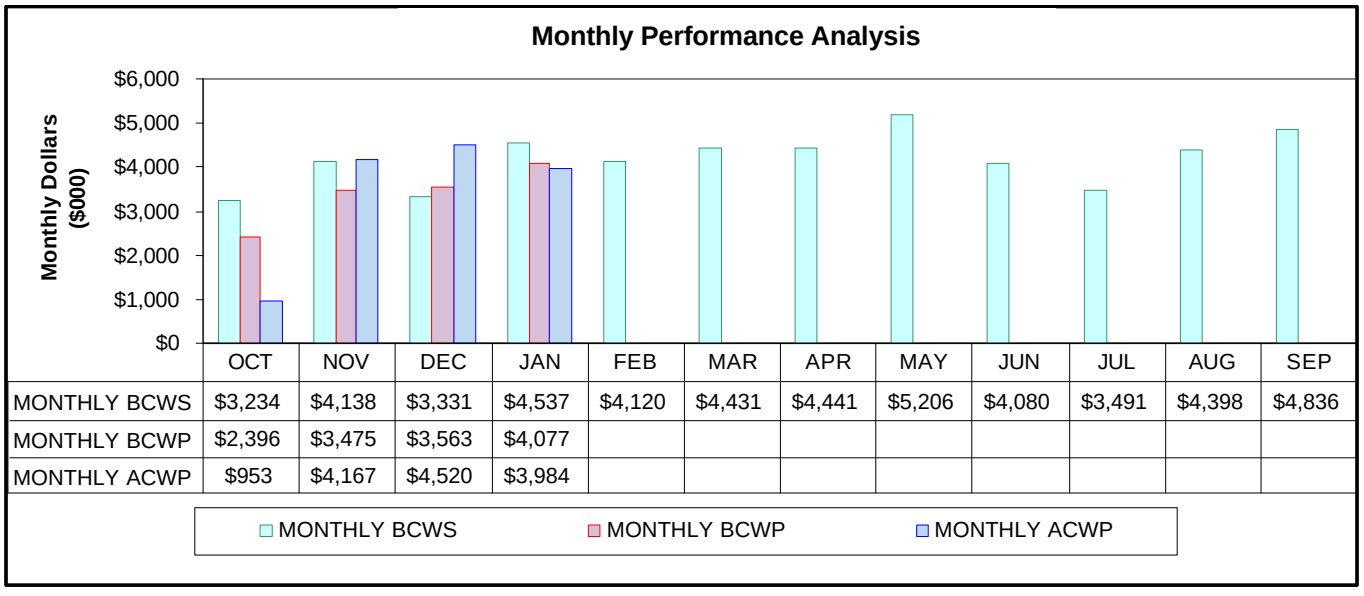
Impact: No Impact.
Corrective Action: The full contract costs are expected later in FY 2001.

All other PBS variances are within established thresholds.

SCHEDULE / COST PERFORMANCE (MONTHLY AND FYTD)



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
FYTD SPI	0.74	0.80	0.88	0.89								
FYTD CPI	2.51	1.15	0.98	0.99								



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MONTHLY BCWS	$3,234	$4,138	$3,331	$4,537	$4,120	$4,431	$4,441	$5,206	$4,080	$3,491	$4,398	$4,836
MONTHLY BCWP	$2,396	$3,475	$3,563	$4,077								
MONTHLY ACWP	$953	$4,167	$4,520	$3,984								

FUNDS MANAGEMENT – FY 2001 TO DATE

FUNDS VS SPENDING FORECAST ($000)

Green

	Project Completion *			Post 2006 *			Line Items *		
	Funds	FYSF	Variance	Funds	FYSF	Variance	Funds	FYSF	Variance
The River									
1.4 **River Corridor**									
TP01,TP04,TP08,TP10,TP12,TP14,WM05	49,906	49,950	(44)	5,637	5,535	102			
Line Item									0
Total River Corridor Operating	$ 49,906	$ 49,950	$ (44)	$ 5,637	$ 5,535	$ 102			
Total River Corridor Line Item							$ -	$ -	$ -

*** Control Point**

Notes: Above includes RL contract for Steam and Laundry.
310 TEDF/340 Facility data is reported under PBS WM05 (Waste Management).

ISSUES

Technical Issues

Nothing to report.

Regulatory Issues

Nothing to report.

External and DOE Issues

Nothing to report.

DOE Requests

Issue: An opportunity exists for transfer of Pacific Northwest National Laboratory (PNNL) facilities into TP-14, pending resolution of the current DOE-HQ guidance to EM (pipeline suspension). PNNL has funds for FY 2001/2002 S&M identified for transfer to FH, but these funds may no longer be available when the suspension ends.

Impacts: Efficiencies realized through combining these facilities into TP-14 may be jeopardized.

Corrective Action: A Memorandum of Agreement (MOA) to begin the transfer process has been prepared. The MOA is being routed for approval by PNNL and FH. Anticipate transfer of facilities by June 30, 2001.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS ($000)

PROJECT CHANGE NUMBER	DATE ORIGIN.	BCR TITLE	FY01 COST IMPACT ($1,000)	SCH	TECH	DATE To FH CCB	FH CCB APR'VD	RL APR'VD	CURRENT STATUS
FSP-2000-002	11/2/99	Mark-42 Project Completion	304		X	04/05/00			Additional funding requested
FSP-2001-001	10/9/00	Baseline Adjustment to TP08	(496)		X				Draft Prepared
FSP-2001-012	11/21/00	Admin. Change to RL-TP08 Milestone Data	0			12/18/00	12/28/00		Pending RL Review
FSP-2001-023	12/20/00	324 Building SAR Revision	0	X	X	N/A	N/A	N/A	RCP Approved 1/23/01 *
FSP-2001-029	1/15/01	Elevator Upgrades @ 327	56		X				Draft submitted to J.D. Martin
FSP-2001-031	1/22/01	RL-TP08 Milestones for TPA M-89-02	0	X					Draft Prepared
FSP-2001-032	1/24/01	CAM Reduction in Support of RIIT	(45)			N/A	N/A	N/A	RCP Approved 2/12/01 *
FSP-2001-033	1/30/01	Increased Scope/Cost for 2714U Drums @ T Plant	400		X				Draft Prepared
FSP-2001-035	2/5/01	Life-Cycle Rebaseline for RL-TP10	0	X					Draft Prepared
FSP-2001-039	2/14/01	Accelerated Workscope - 327 Facility	0	X					Draft Prepared
ADVANCE WORK AUTHORIZATIONS									
	None								

KEY INTEGRATION ACTIVITIES

- **Assistance to PNNL -** The River Corridor Project assisted PNNL with shipment of 393 kilograms of uranium dioxide from 2718-E Building to Sandia National Laboratory for research work.

- **324 SNF Project Savings** - In FY 2000, the 324 Building B Cell project, along with the Spent Nuclear Fuel Project (SNF), developed an alternative plan for the fuel removal activity. Agreement to use a longer inner canister for the fuel permits greater end-shielding and allows hands-on welding and testing in the Cask Handling Area, rather than the more expensive remote effort in B Cell. The Programmatic Agreement that outlines the responsibilities and general items for this fuel transfer was approved by both RCP and SNF. The 200 Area Interim Storage Area Acceptance Criteria (HNF-4894) has been approved by RCP and SNF. (*No further status to be provided.)*

- **EM-50 Support** - With support from EM-50, AEA Technology completed two final reports regarding future RCP deactivation tasks: (1) *Option Study for Inspection, Sampling and Remediation for Tank T-105 in the HLW Vault in Building at Hanford*; and (2) *Options Study for B Cell HVAC Duct Remediation*. Both of these reports summarize the work accomplished by AEA in FY2000. RCP has secured additional support from EM-50 valued at $450K. With this funding, AEA Technology will be assembling and delivering an AEA ARTISAN Arm for use in 324 facility hot cell deactivation (refer to Opportunities). Neither #1 nor #2 above have yet been funded, as the work is further out and opportunities are looked at on a yearly basis. (*No further status to be provided.)*

- **New Hanford-Rocky Flats-Savannah River Joint Deactivation Proposal** - Through involvement with NFDI, Hanford, Rocky Flats, and Savannah River submitted a joint proposal focused on demonstration and deployment of large equipment size reduction systems. DOE/HQ has recently announced that only two of nine proposals from throughout the DOE Complex were selected to receive funding: (1) INEEL Materials Disposition Technology Demonstrations, and (2) LANL Tritium Technology Demonstrations. (*No further status to be provided.)*

- **Participation in West Valley Demonstration Project** - In September 2000, RCP issued a letter of support to RL to participate as a "non-host deployment site" in a proposal led by PNNL and West Valley (NY). The West Valley Demonstration Project is deactivating hot cell facilities with similar

decontamination and decommissioning challenges to RCP facilities. The project would fund FH to participate on an Integrated Contractor Team (ICT). The ICT will influence the identification and selection of technologies for demonstration. Based on successful demonstration at West Valley, FH would be considering the best technologies for use at RCP. Nine proposals from throughout the DOE-Complex were submitted in response to EM-50's Large Scale Demonstration and Deployment Program (LSDDP) call for proposals. DOE/HQ has recently announced that only two of nine proposals from throughout the DOE Complex were selected to receive funding: (1) INEEL Materials Disposition Technology Demonstrations, and (2) LANL Tritium Technology Demonstrations. (*No further status to be provided.)*

- **Collaboration With the 324 B Cell Cybernetix Procurement Project Team and PNNL -** PNNL Robotics staff have begun interfacing on a regular basis with the 324 Building staff regarding dealings with Cybernetix. Both companies have current contracts with Cybernetix. A PNNL staff member is now attending the B Cell conference calls with Cybernetix, and lessons-learned meetings are being held with PNNL and RCP. Both robotic systems are scheduled for shipment from France to Hanford in the spring of 2001.